

**Claims**

1. Protecting device for electrical appliances, connected in series with an AC electric circuit of a power supply of the electrical appliance, having

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an electrically conductive winding, said winding comprising an ohmic resistance for restricting input currents, as well as an interruption function, and

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a coil form onto which the winding is applied in at least one winding layer,

characterized in that the electrically conductive winding is a bifilar winding.

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2. Protecting device according to claim 1, wherein the coil form consists of impregnated paper, rubber, glass, ceramics, plastics, ferrite material or of a piece of printed circuit board.

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3. Protecting device according to claim 1, wherein turns of the windings are spaced apart for a mutual insulation.

4. Protecting device according to claim 1, wherein the winding consists of an insulated wire.

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5. Protecting device according to claim 1, wherein the winding consists of a copper wire.

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6. Protecting device according to claim 1, wherein the protecting device comprises wire ends or terminal pins to be soldered into a printed circuit board.

7. Protecting device according to claim 1, wherein the protecting device comprises soldering points for an assembly on the surface of a printed circuit board.
- 5 8. Protecting device according to claim 1, wherein the protecting device comprises a flame retardant coating of a varnish or foil or is covered with a flexible insulating tubing of a flame retardant material.